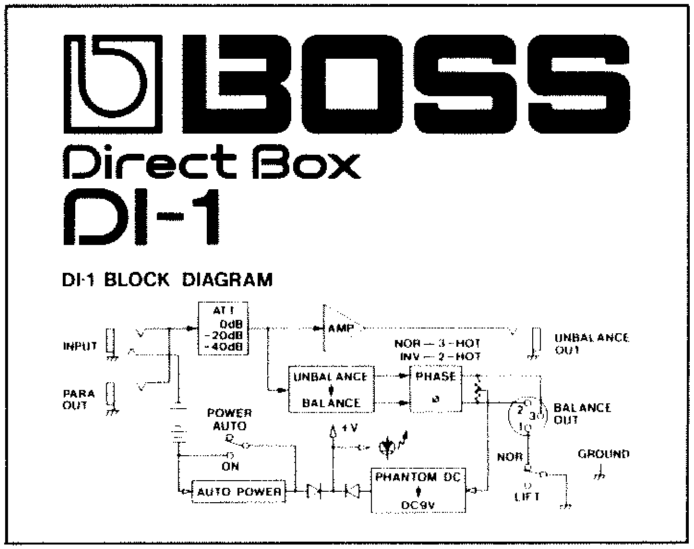
BOSS DI-1 Direct Box

Instructions

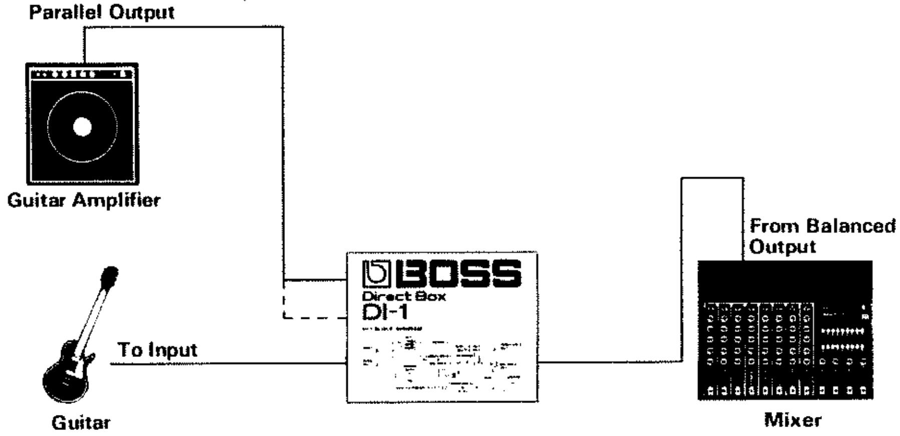


● Please read these instructions carefully.

Direct Box DI-1

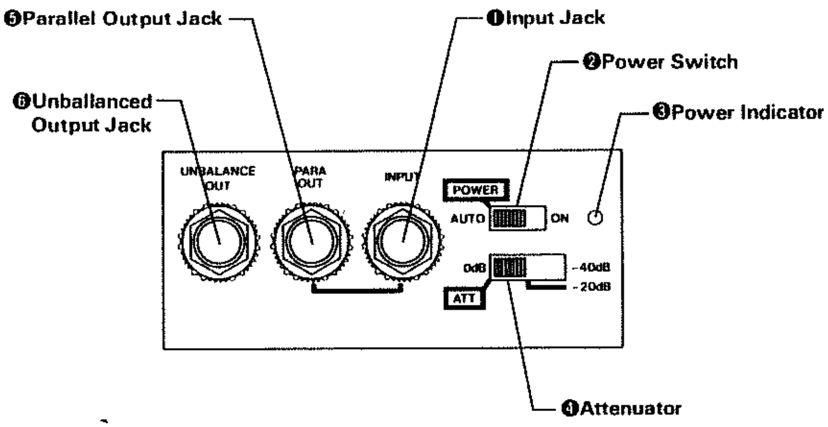
- The BOSS Direct Box DI-1 is the unbalanced to balanced converter which can satisfy even the fussiest professional musician.
- A high impedance instrument such as electric guitar or bass guitar can be directly connected to the DI-1 without causing deterioration of tone quality.
- Featuring Auto Power On/Off circuit, the DI-1 is automatically turned off when signal stops coming in.
- The DI-1 can be power-supplied by the mixer of phantom power as well as by usual battery power.
- With the Input Attenuator, wide range of input level can be accepted.
- With the Phase Switch, the polarity of the Balanced Output can be changed.
- The Ground Lift Switch is provided to solve the earth loop effect.
- The Parallel Output Jack sends the input signal in exactly the same shape.
- The DI-1 operates properly even when the first and the second(or third) pins of the Balanced Output are closed.

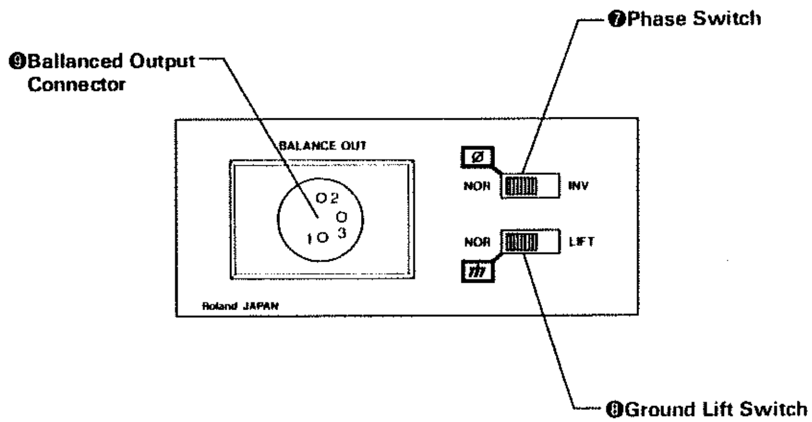
Connecting



* If you wish to send the signal from the DI-1 to the guitar amplifier, connect the amplifier to the Unbalanced Output Jack of the DI-1.

Panel Description

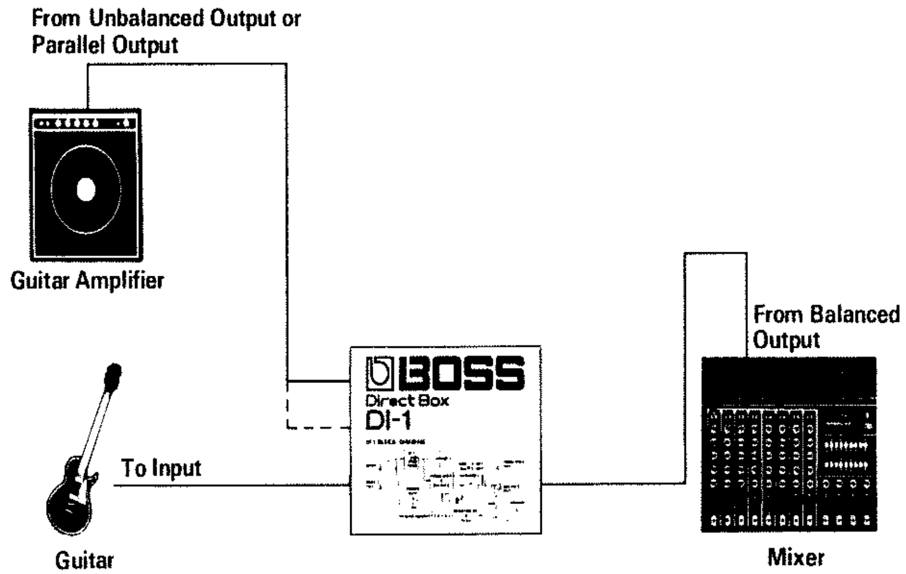




Direct Box DI-1

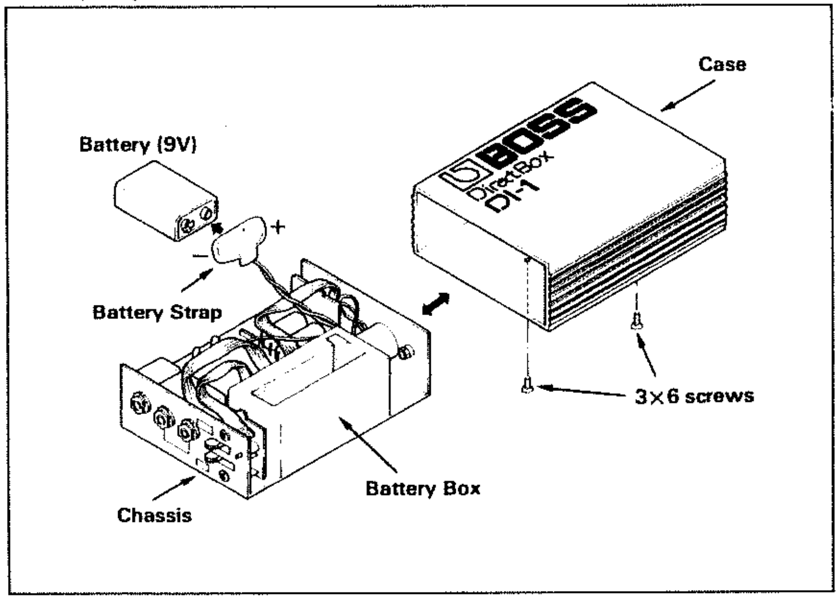
- The BOSS Direct Box DI-1 is the unbalanced to balanced converter which can satisfy even the fussiest professional musician.
- A high impedance instrument such as electric guitar or bass guitar can be directly connected to the DI-1 without causing deterioration of tone quality.
- Featuring Auto Power On/Off circuit, the DI-1 is automatically turned off when signal stops coming in.
- The DI-1 can be power-supplied by the mixer of phantom power as well as by usual battery power.
- With the Input Attenuator, wide range of input level can be accepted.
- With the Phase Switch, the polarity of the Balanced Output can be changed.
- The Ground Lift Switch is provided to solve the earth loop effect.
- The Parallel Output Jack sends the input signal in exactly the same shape.
- The DI-1 operates properly even when the first and the second(or third) pins of the Balanced Output are closed.

Connecting

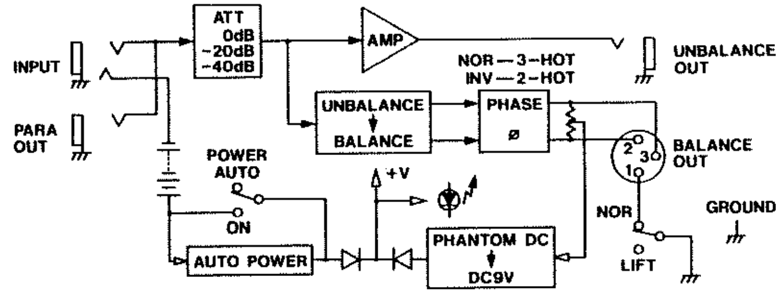


* If you wish to send the signal from the DI-1 to the guitar amplifier, connect the amplifier to the Unbalanced Output Jack of the DI-1.

Battery Replacement



DI-1 BLOCK DIAGRAM



Battery Replacement

Use a 9V battery.

(1) Loosen the screws on the bottom of the unit with the driver. (2 screws)

(2) Remove the chassis.

(3) Take the exhausted battery out of the battery box, then disconnect the battery strap.

(4) Connect the battery strap to the new battery then replace the battery to the battery box.

(5) Replace the chassis to the case, then tighten the screws with the driver.

* Here, be sure that the battery cord is not caught between the chassis and the case. Also, tighten the screws firmly enough.

Important Notes

- When the unit is not to be used, be sure to disconnect the connection cord from the Input Jack.
- Avoid using the unit in extreme heat, humidity or where it may be affected by dust.
- When the unit is not to be used for a long time, remove the battery from the battery box to avoid the trouble caused by battery leakage.

Specifications

Power	9V DC or Phantom Power 24V to 48V DC
Rated Input Level	−20dBm/0dBm/+20dBm selectable
Maximum Input Level	+45dBm(1kHz), 390Vp-p
Input Impedance attenuator	4.7MΩ/37kΩ/33kΩ corresponding to the attenuator
Rated Output Level	−18dBm(Balanced Output/600Ω) −20dBm(Unbalanced Output/50kΩ)
Maximum Output Level	+8dBm(Balanced Output/600Ω) +8dBm(Unbalanced Output/50kΩ)
Output Load Impedance	over 200Ω(Balanced Output) over 10kΩ(Unbalanced Output)
Frequency Response	20Hz to 40kHz($^{+0}_{-3}$dB)
Residual Noise	under −110dBm(IHF-A)
Total Harmonic Distortion	under 0.05%
Auto Power On/Off	Minimum level for Auto On: −50dBm Auto Off Response: Approx. 15 minutes
Jacks	Input, Parallel Output Unbalanced Output, Balanced Output Connector,
Switches	Power(On/Auto), Attenuator(0dB/−20dB/−40dB) ø Phase(Nor/Inv), Ground Lift(Nor/Lift)
Current Draw	6mA
Dimensions	96.5(W)×46(H)×125(D)mm 3-13/16"×1-13/16"×4-15/16"
Weight	480g/1lb 1oz

***Specifications are subject to change without notice.**

BOSS
Products of Roland
Printed in Japan '85 Feb E-3

Roland®

2603069700

UPC 2603069700

BOSS